

Appl. Serial No.: 09/340,771
Amendment Dated February 17, 2004

Complete Listing Of Claims:

1. (previously presented) An electret comprising:
a porous polymeric material having an electrostatic charge;
said porous polymeric material comprising a first thermoplastic polymer and from about 0.1% by weight to about 25% by weight of a miscible thermoplastic telomer having a functional end group selected from the group consisting of aldehyde, acid halide, acid anhydrides, carboxylic acids, amines, amine salts, amides, sulfonic acid amides, sulfonic acid and salts thereof, thiols, epoxides, alcohols, acyl halides, and derivatives thereof.
2. (previously presented) The electret of claim 1 wherein said telomer and said first thermoplastic polymer each comprise a polymer having a significant fraction of the same monomer.
3. (currently amended) The electret of claim 2 wherein said telomer comprises between 0.1% and about 20% of said polymeric ~~substrate~~ material.
4. (currently amended) The electret of claim 3 wherein said telomer comprises between about 0.5% and 20% of said polymeric ~~substrate~~ material.
5. (previously presented) The electret of claim 1 wherein said first thermoplastic polymer is selected from the group consisting of polyolefins, polyamides, polyesters, polyurethanes, polydienes, polyols, polyethers and polycarbonates.
6. (canceled)
7. (previously presented) The electret of claim 5 wherein said first thermoplastic polymer is selected from the group consisting of polyethylenes, polypropylenes, and nylons.
8. (previously presented) The electret of claim 1 wherein said first thermoplastic polymer and said telomer each comprise a polymer having a significant fraction of propylene repeat units.
9. (previously presented) The electret of claim 5 wherein said first thermoplastic polymer and said telomer comprise a copolymer of propylene and ethylene.

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10. (previously presented) The electret of claim 8 wherein said first thermoplastic polymer and said telomer comprise a copolymer of propylene and a second repeat unit.
11. (currently amended) The electret of claim 1 wherein said porous substrate material is selected from the group consisting of fibrillated films, sintered films, porous films, woven fabrics, foams, nonwoven webs and multilayer laminates thereof.
12. (previously presented) The electret of claim 1, wherein the porous material comprises a nonwoven web and wherein the first thermoplastic polymer is selected from the group consisting of polyolefin and polyamide polymers.
13. (previously presented) The electret of claim 12 wherein said nonwoven web is selected from the group consisting of meltblown fiber webs, spunbond fiber webs, hydroentangled webs, air-laid and bonded-carded webs.
14. (previously presented) The electret of claim 12 wherein said nonwoven web comprises a spunbond fiber web.
15. (previously presented) The electret of claim 14 wherein said spunbond fiber web comprises multicomponent fibers and wherein at least one of the components of said multicomponent fiber comprises said telomer.
16. (previously presented) The electret of claim 12 wherein said nonwoven web comprises a meltblown fiber web.
17. (previously presented) The electret of claim 12 wherein the first thermoplastic polymer and said telomer each comprise an olefin polymer having a major fraction of the same monomeric unit.
18. (previously presented) The electret material of claim 16 wherein said first thermoplastic polymer and said telomer each comprise a polymer having a significant fraction of propylene monomer.
19. (previously presented) The electret of claim 18 wherein said telomer comprises a polypropylene polymer having functional end groups selected from the group consisting of acid

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anhydrides, carboxylic acids, amides, amines, and derivatives thereof, and wherein said telomer comprises between 0.5% and 20% by weight of said nonwoven web.

20. (previously presented) The electret of claim 12 wherein said first thermoplastic polymer and said telomer each comprise a polyolefin and further wherein said first thermoplastic polymer and said telomer each comprise a polymer having a significant fraction of propylene monomer.

21. (previously presented) The electret of claim 13 wherein fibers of said nonwoven web are formed from a blend of a first polypropylene polymer and a polypropylene telomer having at least one functional end group selected from the group consisting of carboxylic acids, acrylic acids and acrylates.

22. (previously presented) A face mask comprising the electret material of claim 12.

23. (previously presented) A sterilization wrap comprising the electret material of claim 12.

24. (previously presented) A sterilization wrap comprising a spunbond/meltblown/spunbond laminate wherein at least one of said layers comprises the electret material of claim 12.

25. (previously presented) A dust wipe comprising the electret material of claim 12.

26. (previously presented) An air filter material comprising the electret material of claim 12.